Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ / 16 points

1. What is the difference between nuclear fission and nuclear fusion?
2. What is radioactivity?
3. What are the effects of radiation?
4. What is a nuclear reactor?
5. Why do we need to conserve non-renewable sources of energy?
6. What are some ways that we can conserve energy?
7. What are some ways that we can use solar energy?
8. What is the Law of Conservation of Energy?